

Status and Future Plan of GRETINA/GRETA

Friday, 4 April 2008 15:50 (40 minutes)

GRETINA, the US gamma-ray tracking detector project, will use segmented Ge detectors to cover 1/4 of the 4-pi solid angle. It is scheduled to be completed in 2011. The current status, including the production and testing of segmented detectors, the use of digital electronics for data acquisition, results of signal decomposition and tracking, will be reported. A plan for GRETA, an array with 4-pi coverage, has been developed by the US nuclear structure community and was included in the 2007 US DOE/NSF Long Range Plan. Directions of future development including international collaboration will be discussed.

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Session Classification: Advanced gamma-ray detector

Track Classification: Development of detectors and experimental methods